

**Addressable Tap Capable of Detecting Numbers of TV Sets  
Online to Watch CATV Programs  
ABSTRACT**

An addressable tap capable of detecting number of TV sets online to watch CATV programs consisting of a main block and a cable connecting from the terminal of said main block and the user. Said main block consists of a main central processing unit (CPU) and RF switches that are electrically connected is featured by: Said cable is equipped with a locking device at its user end and this locking device consists of a detection device and a sub-CPU that communicates with said main CPU; said detection device is electrically connected to the sub-CPU; In case said locking device is plugged out, the detection device will detect the information and transmit it to said microprocessor, which will send the information to said main CPU. Said main CPU will instruct the RF switches to shut off CATV signals at the terminal. the present invention has the following effects: CATV operators can collect different fees in accordance with number of TV sets online to watch TV programs and avoid income losses of CATV operators.